

16698 U.S. PTO  
06/30/03

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 58305.0005  
First Inventor Dixon, Arthur E.  
Title A Scanning Beam Optical Imaging System for Macroscopic Imaging An Object  
Express Mail Label No.

10/608217  
06/30/03

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 22]  
(Preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
- ☒ Oath or Declaration [Total Pages 31]
  - ☒ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☒ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label (insert barcode label here) or ☐ Correspondence address below

Name 24629  
PATENT TRADEMARK OFFICE  
Address  
City State Zip Code  
Country Telephone Fax

Name (Print/Type) Darryl W. Schnurr Registration No. (Attorney/Agent) 28,569  
Signature Date June 27, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number  
58305.0005

CLAIMS AS FILED - PART I				SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED (Column 1)	NUMBER EXTRA (Column 2)		RATE	FEE			RATE	FEE
BASIC FEE (37 CFR 1.16(a))					\$ 375.	OR			\$ ____
TOTAL CLAIMS (37 CFR 1.16(c))	46	minus 20 =	*	26	x \$ 9. =	234.	OR	x \$ ____ =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	4	minus 3 =	*	1	x 42. =	42.	OR	x ____ =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ 140.	140.	OR	+ ____ =		
				TOTAL	791.	OR	TOTAL		

\* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II						SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI-TIONAL FEE			RATE	ADDI-TIONAL FEE		
	Total (37 CFR 1.16(c))	*	Minus	**	=	x \$ ____ =		OR	x \$ ____ =		
	Independent (37 CFR 1.16(b))	*	Minus	***	=	x ____ =		OR	x ____ =		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+ ____ =		OR	+ ____ =			
				TOTAL		OR	TOTAL				

CLAIMS AS AMENDED - PART II						SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI-TIONAL FEE			RATE	ADDI-TIONAL FEE		
	Total (37 CFR 1.16(c))	*	Minus	**	=	x \$ ____ =		OR	x \$ ____ =		
	Independent (37 CFR 1.16(b))	*	Minus	***	=	x ____ =		OR	x ____ =		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+ ____ =		OR	+ ____ =			
				TOTAL		OR	TOTAL				

CLAIMS AS AMENDED - PART II						SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI-TIONAL FEE			RATE	ADDI-TIONAL FEE		
	Total (37 CFR 1.16(c))	*	Minus	**	=	x \$ ____ =		OR	x \$ ____ =		
	Independent (37 CFR 1.16(b))	*	Minus	***	=	x ____ =		OR	x ____ =		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+ ____ =		OR	+ ____ =			
				TOTAL		OR	TOTAL				

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case.  
 Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# MILLER THOMSON LLP

Barristers & Solicitors, Patent & Trade Mark Agents

700, 22 Frederick Street  
P.O. Box 578  
Kitchener, ON, Canada N2G 4A2  
Tel: 519.579.3660  
Fax: 519.743.2540  
www.millerthomson.com



DIRECT TEL: 519.579.3661 EXT 326  
DIRECT FAX: 519.576.2030  
E-MAIL dschnurr@millerthomson.ca  
File No. 58305.0005

June 27, 2003

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SENT BY COURIER**

Dear Sir:

**RE: New Application by Arthur Edward Dixon and Savvas (nmi) Damaskinos**  
**Title: A Scanning Beam Optical Imaging System for Macroscopic Imaging of an Object**

We are enclosing herewith the following documentation for process:

1. Utility Patent Application Transmittal;
2. Patent Application Fee Determination Record;
3. Declaration for Utility Patent Application;
4. Power of Attorney or Authorization of Agent;
5. Assignment by Arthur Edward Dixon;
6. Assignment by Savvas (nmi) Damaskinos;
7. Assignment cover sheet;
8. Statement Under 37 CFT 3.73(b);
9. Specification including abstract and claims;
10. 8 sheets of formal drawings on paper; and
11. Our firm cheque in the amount of U.S. \$831.00 representing your filing fee herein as follows:

(a)	Basic Fee	\$375.00
(b)	Independent Claims -4	42.00
(c)	Claims - total of 46	234.00
(d)	Multiple Dependent Claims	140.00
(e)	Assignment Fee	40.00

We look forward to receiving your official filing receipt for the above application in due course.

Yours very truly,

MILLER THOMSON LLP

Per:   
Daryl W. Schnurr

DWS/br  
encl.